

Google Maps Mashups of NASA Data, Phase I

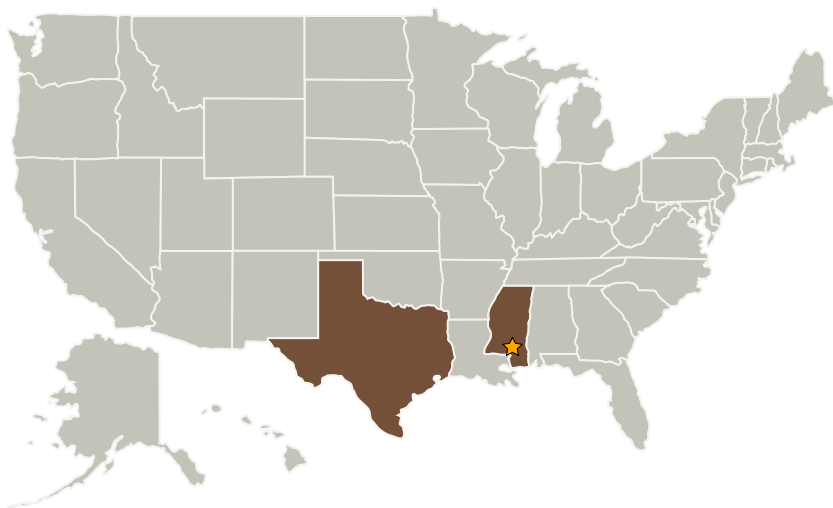
Completed Technology Project (2007 - 2007)



Project Introduction

Search, analysis and display of NASA science data by non-GIS experts can be facilitated using so-called "Web 2.0" technologies. Google Maps is a popular geospatial service which exemplifies the use of such technologies. Browser-based client-side mashups and overlays of various kinds of data sources using technologies such as AJAX have been demonstrated using Google Maps. We propose to develop tools that will enable integration of NASA science data with Google Maps. These tools can then be extended to other map servers.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Stennis Space Center(SSC)	Lead Organization	NASA Center	Stennis Space Center, Mississippi
Vcrsoft, LLC	Supporting Organization	Industry Minority-Owned Business	Arlington, Texas

Primary U.S. Work Locations

Mississippi	Texas
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Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Stennis Space Center (SSC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

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Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Technology Areas

Primary:

- TX11 Software, Modeling, Simulation, and Information Processing
 - └ TX11.4 Information Processing
 - └ TX11.4.2 Intelligent Data Understanding